PTO/SB/08A (10-01)

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J-3512A

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Complete if Known Substitute for form 1449A/PTO **Application Number** 10/718.886 INFORMATION DISCLOSURE Filing Date November 21, 2003 STATEMENT BY APPLICANT First Named Inventor Stephen B. Leonard Art Unit (use as many sheets as necessary) Examiner Name Attorney Docket Number of

Sheet

		U.S. PAT	ENTDOCUMENTS	
Examiner Initials*	Cite Document Number No. 1 Number - Kind Code 2 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
N/L	US-3.144.174	08-11-1964	R.H. Abplanalp	
AY.	US-3,518,410	06-30-1970	A. Dillarstone	
_/	US-3,578,945	05-18-1971	John Avres	
	US-3.644.707	02-22-1972	Christopher Hollet Costello	
	US-3.824.364	07-16-1974	John F. Cachat	
	US-3.862.616	01-28-1975	Robert C. Brady	
	US-3,997,083	12-14-1976	Samuel L. McNair	
	US-4.013.742	03-22-1977	Volker Lano	
	US-4,055,391	10-25-1977	Walter Schmidt, et al.	
	US-4.374.571	02-22-1983	George T. Hirvela	
	US-4,444,720	04-24-1984	Horst Mayer	
	US-4,499,355	02-12-1985	Henry J. Walter	
	US-4,667,846	05-26-1987	Ippolito Marceau	
	US-4.695.434	09-22-1987	Donald Spector	
	US-4,745,705	05-24-1988	Shinobu Yamamoto, et al.	
	US-4,771,563	09-20-1988	Samuel D. Easley	
	US-4,791,261	10-13-1988	Richard R. Phinney, et al.	
	US-4,795,883	01-03-1989	Dov Z. Glucksman, et al.	
$\perp \!\!\! \perp \!\!\! \perp \!\!\! \perp \!\!\! \perp$	US-4.803,341		Karlheinz Barowski, et al.	
	US-4.830.791	05-16-1989	Kenneth J. Muderlak, et al.	

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages					
muais	140.	Country Code 3 -Number 4 -Kind Code 6 (# known)	MM-DD-YYYY	Applicant of oned bocdment	or Relevant Figures Appear	T ⁶				
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		U.S. PAT	ENT DOCUMENTS	
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15	US-4.874.924	10-17-1989	Shinobu Yamamoto, et al.	
	US-4.891.904	01-09-1990	Yoshikatsu Tabita	
V	US-4.933.525	06-12-1990	Eric A. St. Phillips	
	US-5,074,439	12-24-1991	Larry A. Wilcox	
	US-5,087,804	02-11-1992	Thomas H. McGaffigan	
	US-5.095.647	03-17-1992	Franco Zobele, et al.	
	US-5.111.477	05-05-1992	Ken Muderlak	
	US-5,161,646	11-10-1992	Charles C. Aurich, et al.	
	US-5.180.598	01-19-1993	Mark A. Jozefowicz	
	US-5,222,186	06-22-1993	Georg Schimanski, et al.	
	US-5,229,751	07-20-1993	Curt M. Chandler, et al.	
	US-5,272,298	12-21-1993	Toshio Taquchi, et al.	
	US-5,286,942	02-15-1994	David H. McFadden, et al.	
	US-5.290.546	03-01-1994	Takahiro Hasegawa, et al.	
	US-5,332,315	07-26-1994	John F.C. Baker, et al.	
	US-5,335,509	08-09-1994	Dianna Namisniak, et al.	
	US-5,443,084	08-22-1995	Remy Saleur	
	US-5,449,117	09-12-1995	Kenneth J. Muderlak, et al.	
$\Box Z$	US-5,484,086		Kuan H. Pu	
V	US-5,603,858	02-18-1997	W.Burk Wyatt, et al.	

	FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code 3 -Number 4 -Kind Code 5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T			
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K.	US-5.644.866	07-08-1997	Yoshio Katsuda, et al.			
	US-5,647,053	07-08-1997	John A. Schroeder, et al.			
-	US-5.697.577	12-16-1997	Terry P. Ogden			
	US-5.711.160	_01-27-1998	Dianna Namisniak, et al.			
	US-5,798,694	08-25-1998	William L. Reber, et al.			
	US-5.802.015	09-01-1998	Alan W. Rothschile, et al.			
	US-5,829,278	11-03-1998	Ja Yoon Koo			
	US-5,857,620	01-12-1999	John Nakoneczny			
	US-5,883,582	03-16-1999	John H. Bowers.et al.			
	US-5,884,808	03-23-1999	Kenneth J. Muderlak, et al.			
	US-5,903,710	05-11-1999	Mark E. Wefler, et al.			
	us-5,906,298	05-25-1999	Thomas A. Ward			
	us-5,930,206	07-27-1999	David J. Haas			
	US-5,969,606	10-19-1999	William L. Reber, et al.			
	US-5,996,889	12-07-1999	Wolfgang Fuchs, et al.			
	US-6,005,233	12-21-1999	W. Burk Wyatt			
	US-6,078,728	06-20-2000	Lynn M. O'Rourke, et al.			
	US-6.085.026	07-04-2000	Randall Lee Hammons, et al.			
	US-6.141.496	10-31-2000	Craig C. Sundberg, et al.			
V	US-6.145.241	11-14-2000	Yoshitoshi Okuno			

			FORE	IGN PATENT D	OCUMENTS		
Examiner initials*	Cite No.1	Foreign Patent Doc Country Code 3 -Number 4 -Kind C		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	10
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			U.S. PAT	ENT DOCUMENTS	
Examiner Initials*	Cite No. 1 Number - Kind Code ² (il		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
4/1	US-6,191,401	B1	02-20-2001	Mark Salemo, et al.	
	US-6,217,213	B1	_04-17-2001	Stephen M. Curry, et al.	
	US-6,226,619	B1	05-01-2001	Amold Halperin, et al.	
	US-6,232,585	В1	05-15-2001	Brian L. Clothier, et al.	
	US-6,267,297	B1	07-31-2001	Carl D. Contadini, et al.	
	US-6.285.282	B1	09-01-2001	Jheroen P. Dorenbosch, et al.	
	US-6,293,044	B1	09-25-2001	Hsiu-Mei Feng	
	US-6,294,997	B1	09-25-2001	Robert M. Paratore, et al.	
	US-6.314.971	B1	11-13-2001	Albert Schneider	
	US-6,327,576	B1	12-04-2001	Nobuo Ogasawara	
	US-6,335,685	B1	01-01-2002	Alejandro Gabriel Schrott, et al.	
	US-6,343,491	B1	02-05-2002	Nak-Won Jung	
	US-6,350,972	B1	02-26-2002	David Gregg Wright, et al.	
	US-6.361.752	B1	03-26-2002	Scott W. Demarest, et al.	
	US-6,371,450	B1	04-16-2002	Brian T. Davis, et al.	
	US-6,453,687	B2	09-24-2002	John N. Sharwood, et al.	
	US-6,466,130	B2	10-15-2002	Mark T. VanHorn, et al.	
	US-6,483,434	B1	11-19-2002	Hans UmiKer	
	US-2001/0025349	A1	09-27-2001	John N. Sharwood, et al.	
V	US-2001/0048030	A1	12-06-2001	John N. Sharwood, et al.	

	FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code 3 - Number 4 - Kind Code 5 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	.16				
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			U.S. PAT	ENT DOCUMENTS	
Examiner Initials		Document Number Number - Kind Code ² (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2001/0056376 A1	12-27-2001	Jay S. Walker, et al.	
M	<u> </u>	US-2002/0000092 A1	01-03-2002	John N. Sharood, et al,	
		US-2002/0016739 A1	02-07-2002	Nobuo Ogasawara	
-		US-2002/0026325 A1	02-28-2002	Morio Hirahara, et al.	
		US-2002/0047781 A1	04-25-2002	Michel Fallah	
		US-2002/0139838 A1	10-03-2002	John C. Goodwin, III	
oxdot		US- 2002/0147649 A1	10-10-2002	Daniel F. White	
		US- 2002/0154574 A1	10-24-2002	Ralph A. Ector, Jr., et al.	
V		US-2002/0161652 A1	10-31-2002	Andrew Rhodes Paulin, et al.	
		US-			
		UŞ-			
		US-			

	FORE	IGN PATENT D	OCUMENTS		-
Cite No.1	Foreign Patent Document Country Code 3 -Number 4 -Kind Code 5 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ¢
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